



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2405



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Ref: 8HWM-SR

MEMORANDUM

TO: Phil Arberg, WAM
AMD, EMSL-LV

FROM: Michael McCeney, *MM*
Remedial Project Manager

SUBJECT: Richardson Flat Tailings (RFT) Proposed NPL Site
Historical Aerial Photographic Analysis

Thank you for your responsiveness in preparing the tracings of the October 1990 photos; they have been very useful. John Duggan of Lockheed Engineering has been extremely helpful in assisting me with resolving some issues regarding current site conditions. Pursuant to discussions with Mr. Duggan, I have attached copies of reports which should prove useful in the analysis of RFT.

Of interest at the site, from a historical standpoint, are estimates of the quantities of tailings deposition corresponding to different periods of ownership and/or lease holding. Reference the Final PRP Report for background information. It is also noted in this report that at one time Park City garbage was disposed of on the embankment dam and is believed to be incorporated into the dam itself. Evidence of any dumping and filling should also be addressed in the analysis.

Areas of interest at the site under current conditions (i.e. the latest photo) include:

- o what percentage of the tailings areas are covered and what is the effectiveness, considering the prevailing wind conditions and surface water patterns;
- o site security through fencing;
- o surface water pathways, including the wetlands area at the NW toe of the dike (constructed primarily of tailings materials);
- o evidence of groundwater table location and potential contact with tailings deposits;
- o any evidence of current use.

Thank you again for your assistance and please call me at
(303) 294-7169 if you have any questions.

ATTACHMENTS:

Supplemental SI, 12/20/89
Final PRP Report, 7/14/88
ARR of Air Sampling, 9/9/87
ARR, 10/25/85
SI, 8/30/84

cc: Mike Zimmerman, 8HWM-ER
Greg Oberley, 8HWM-SM
Greg Phoebe, 8HWM-SR
Dennis Nelson, 8ES-ES
Muhammad Slam, Utah BSHW
FCD:October 31, 1990:aerial.mem